



Borough and County of Town of Poole

Annual Report

For 1917,

ON THE

**HEALTH AND SANITARY
CIRCUMSTANCES**

OF

The Borough and Port of Poole,

BY

WILLIAM GOSSE, M.D., D.P.H.

POOLE:

J. LOOKER, The Wessex Press, 82, High Street.
Telephone 134.



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Sanitary Committee.

ALDERMAN JULYAN (Chairman).

COUNCILLOR SHUTLER (Vice-Chairman).

THE MAYOR, ALDERMEN CARTER & SAUNDERS, COUNCILLORS AYRE.
CASSON, CRABB, GAMBIER, GREEN, HIGGIN, HOGG, LAWRENCE,
MOWLAM, OSTLER, RIGLER, SHERSTON, & WATERMAN.

Present Staff of the Health Department.

| | |
|-----------------------------------|--------------------------------|
| Medical Officer of Health | W. GOSSE, M.D., D.P.H. (Camb)§ |
| Inspector of Nuisances | F. S. B. RAMSDEN.* |
| Sanitary Inspector | P. W. WHEELER.*§ |
| School Nurse | Mrs. PARTRIDGE. |
| Health Visitor | Miss L. HOOPER |
| Matron of Alderney Heath Hospital | Mrs. NIPPARD. |
| Disinfectors | H. G. NIPPARD. |
| Clerk | Miss EDWARDS |

§Also School Medical Officer for the Borough and Medical Officer to the Port of Poole.

*Holding Certificates for Sanitary Inspectors, granted by the Royal Sanitary Institute, and Certificates for Food and Meat Inspection.

||Holding Health Visitor's and School Nurse's Certificate from the Royal Sanitary Institute, and the Certificate of the Central Midwifery Board.

§Also acts as Inspector of Nuisances to the Port Sanitary Authority.

At present on active service abroad with the British Expeditionary Forces :—

A. T. NANKIVELL, M.D., D.P.H.
C. A. TRIM, Clerk.
F. B. EDWARDS, Clerk.

PREFACE.

**To the Mayor, Aldermen, and Councillors of the
Borough of Poole.**

Gentlemen,

I have again the honour of making the Annual Report on the health of the Borough, which I am happy to say has been free from serious epidemics.

There are two matters in this report to which I would draw attention, Child Welfare and Housing of the Working Classes, which are of pressing public interest.

Although interim reports are now only demanded by the L.G.B it is advisable for future reference that a continuous record of the health and sanitary conditions be kept.

I again thank the various councillors and officials for their courtesy and assistance in my duties and the preparation of this report.

I remain, Gentlemen,

Your obedient servant,

WILLIAM GOSSE.

May, 1918.

CONTENTS.

| | PAGE |
|---|------|
| Borough Bacteriological Laboratories | 9 |
| Birth Rate | 6 |
| Borough Isolation Hospital | 10 |
| Borough Surveyor's Department | 10 |
| Child Welfare | 7 |
| Death Rate | 6 |
| Dental Department | 13 |
| Diseases of Animals Act | 11 |
| Education Committee | 12 |
| Eye Department | 13 |
| Health Visitor | 8 |
| Housing Question | 11 |
| Infectious Diseases | 7 |
| Infantile Mortality | 6 |
| Population | 6 |
| Poverty and Pauperism | 6 |
| Poole Port Sanitary Authority | 12 |
| Statistical Summary for 1917 | 6 |
| Tables (List of) | 14 |
| Vital Statistics | 6 |
| Water Supply | 10 |

Statistical Summary for 1917.

| | |
|------------------------|-------------------------------|
| Area of Borough | 7,964 acres. |
| *Population | 42,335 |
| Birth-rate | 16.2 per thousand population. |
| Marriage-rate | 14.5 „ „ |
| Death-rate (corrected) | 13.9 „ „ |
| “Zymotic ” death-rate | ·6 „ „ |
| Infant mortality rate | 91 per thousand births. |

*For explanation and particulars refer to Vital Statistics.

Poverty and Pauperism.

This is to show the amount of destitution in the district.

| | | |
|----------------|------------------------------|-------|
| 1913—July 1st. | Persons in receipt of relief | 1,391 |
| 1914—July 1st | „ | 1,235 |
| 1915—July 1st | „ | 1,160 |
| 1916—July 1st | „ | 1,133 |
| 1917—July 1st | „ | 1,099 |

Vital Statistics.

POPULATION.—By the direction of the Local Government Board' the death-rates, etc. were to be based on figures supplied by the Registrar General, the effect of this as compared with our usual estimation is to increase the death-rate and lessen the birth-rate.

The estimated civilian population for obtaining the death-rate being 37,978, and the figures 42,335 for the birth-rate. Other factors were mentioned in my previous reports.

BIRTH-RATE.—The birth-rate shows a serious decrease, being the lowest of which we have any record, this is attributable to the State being at war, and is general among the belligerent nations. There were 690 births of which 64 were illegitimate.

MARRIAGE-RATE.—The marriage rate also again dropped. There were 308 marriages.

DEATH-RATE.—The death-rate has fallen, being 13.0 ; as there were only 530 civilians died in the borough.

INFANTILE MORTALITY.—Only 58 infants died, but as the births were considerably fewer, the death rate shows an increase to 84 per 1000 birth. Congenital deficiency accounted for 24 of these deaths, there were also 23 still-born babies buried in the borough cemeteries exclusive of the churchyards of which we have no record.

Infectious Diseases.

During the year 366 cases of notifiable infectious diseases were reported as against 1,175 of last year. Measles and Rubella accounted for 173 cases, leaving 193 which is 17 less of the other infectious diseases than last year. Excluding 70 tubercular diseases which shows a slight decrease, there remains 123 cases, which makes 2 more cases in this category than last year. Again in my September report I was able to show a clean bill excepting two cases of measles. I would advise that Chicken Pox be now made notifiable in the Borough as is done elsewhere, the reason being that of all the zymotic diseases, chicken pox is most easily mistaken for modified small pox. In the Annual Report of 1915 it was estimated that there were 8000 unvaccinated young people in the borough.

ENTERIC FEVER.—Eight cases were notified, same as last year with only three deaths.

MEASLES AND RUBELLA.—173 cases notified and 3 deaths.

SCARLET FEVER.—43 cases notified with only 1 death.

DIPHTHERIA.—45 cases notified with 7 deaths.

CEREBRO-SPINAL MENINGITIS.—3 cases were notified with 2 deaths.

INFLUENZA caused 8 deaths.

CANCER was the cause of 47 deaths.

PUERPERAL FEVER.—was responsible for 1 death.

TUBERCULOSIS.—68 deaths were registered, 50 were due to pulmonary disease and the remainder to other forms of tuberculosis, being ten less than last year.

WHOOPING COUGH was the cause of 7 deaths, as many as 45 cases of diphtheria caused and accounted for as many fatalities as measles, scarlet fever and typhoid fever together. This suggests a want of care and intelligent home nursing.

Child Welfare.

There has been much voluntary activity in the Borough of Poole Schools for Mothers during the year. Mrs. Compton who had been the indefatigable Hon. Secretary for so many years resigned last Summer. Miss Gaman, then Miss Carter were appointed, but found themselves unable to continue the duties, and now Mrs. H. A. Webb has kindly taken over the secretaryship.

*Miss Hooper same as Miss Eaton
w. " in previous*

There are now four centres, Poole, Branksome, Upper Parkstone and lastly Newtown, which was started by Mrs. Webb less than two years ago and has now 53 members.

Miss Fidler who had done good work in the borough, having been working single-handed during the previous winter, resigned in the Autumn. Miss Eaton was appointed Lady Superintendent, she is fully qualified and appears exceptionally suitable for the work.

(COS RSE as HV *no receipt to be off -*)
I am glad to say the relationship between Miss Eaton and the Municipal Nurses is most cordial, although there is some overlapping of the visiting with the Health Visitor, which cannot be avoided until the voluntary associations are co-ordinated under the supervision of a central authority.

During the year 1278 visits were made and 147 classes for Health Talks by the Lady Superintendent at the various centres.

National Baby week was successfully celebrated by a Baby Show in Poole Park, and three centres of exhibits; at the Ashley Road, one demonstration was given by school children on baby toilet which was popular, and the Municipal nurses gave a series of suitable simple lectures.

The Children's Aid Association made an excellent report. Several meetings took place with a Sub-committee of the Education and Sanitary Committees with the object of forming a municipal Child Welfare Committee, a well thought out scheme was put forward by the Town Clerk and generally approved of, but ultimately the further consideration of the scheme was deferred by the Education Committee for six months.

Several meetings were also held with the object of starting a much needed Day Nursery in conjunction with the Borough of Poole School for Mothers, and a scheme was arranged. At that time the probability of a Child Welfare Committee was bright, but it was decided not to take any further steps until the Child Welfare Committee was an accomplished fact.

It is hoped that in 1918 the municipality will accept the honourable responsibility and support and supervise the efforts of the various philanthropic associations which have done such good work in the borough.

Health Visitor.

The report of the years work, I think justifies the appointment and Nurse Hooper has also obtained the qualification of the Royal Sanitary Institute.

Before the war there were 600 health visitors in this country, now there are 2,000, so we are only moving with the times.

In March we got a couple of convictions under the notifications of births act and since then we have been the envy of our neighbours.

Of the forty not notified, a considerable proportion belong to the first 2 months of the year and the remainder of the mothers are chiefly the wives of soldiers and sailors serving abroad.

I would again draw attention of the public, that the nurse's advice is available to expectant mothers, and others at the Municipal offices from 9.30 to 10.30 a.m. every week day. The H.V. had to attend several emergency midwifery cases in Newtown, when they were short of a midwife.

Also I would draw attention to the seven deaths from Whooping Cough on Page 16, only one of these children was under the age of 6 months, skilled advice and attention was wanting; it is the complications that are to be dreaded and avoided; therefore send for the Health Visitor.

| | | | |
|---|----|----|------|
| Births Notified by Doctors | .. | .. | 352 |
| „ „ „ Nurses | .. | .. | 260 |
| „ „ „ Other people | .. | .. | 9 |
| „ „ „ Parents | .. | .. | 26 |
| <hr/> | | | |
| Total Births notified on register | .. | .. | 647 |
| „ not notified | .. | .. | 40 |
| „ notified Illegitimate | .. | .. | 59 |
| „ „ Still-born | .. | .. | 14 |
| Prosecutions under the notification of Birth Act 1907, March 15th 1917. | | | |
| | | | 2 |
| First visits to new babies | .. | .. | 371 |
| Impetigo | .. | .. | 2 |
| Opthalmia neonatorum | .. | .. | 2 |
| Chickenpox | .. | .. | 9 |
| Measles | .. | .. | 21 |
| Mumps | .. | .. | 54 |
| Whooping Cough | .. | .. | 12 |
| School for Mothers, 6 New Street | .. | .. | 6 |
| Total No. of Visits paid, 1917 | .. | .. | 1523 |

371

The Borough Bacteriological Laboratory.

LABORATORY WORK DONE IN 1917.

| | | |
|------------------------------|---------------------|--------|
| Number of specimens examined | .. | 1,139 |
| Diphtheria | Infectious Hospital | .. 700 |
| | School Clinics | .. 379 |
| | Local Practitioners | .. 60 |
| Tuberculosis | | 103 |
| Gonorrhoea | | 40 |
| Ringworm | | 36 |
| Water (Bacteriological) | | 37 |
| Water (Chemical) | | 2 |
| (Other Specimen) | | 72 |

Water Supply.

It will be seen in the Borough Bacteriological Laboratory report that the water has been frequently examined, besides which we have submitted it to chemical analysis. Owing to the appeal to the public the consumption of water during the year 1917 was diminished by nearly 10 million gallons, the amount used being 276,365,000 gallons ; making a daily average of 757,164 gallons.

Borough Isolation Hospitals.

There are two as last year, Alderney, three miles out, with its three blocks added by the War Office, and Baiter Hospital for emergency outbreaks, situated in Poole Harbour.

Number of Patients admitted into the Alderney Hospital, 1917.

| | | | | | | |
|---|-------|---|---|---|---|-----|
| No. of Military Cases admitted into Alderney Hospital | | | | | | 126 |
| „ | Civil | „ | „ | „ | „ | 90 |
| „ | Naval | „ | „ | „ | „ | 8 |
| „ | Rural | „ | „ | „ | „ | 13 |
| Total admitted | | | | | | 237 |

“ Seacroft,”

Poole,

Dorset,

May, 30th 1918

Mr. Chairman and Gentlemen,

There is nothing of special interest to report during the last year, except a marked diminution in the number of Cerebro Spinal Fever cases under treatment. The Diphtheria mortality has been a little high, but considering the moribund condition of some of the admittances, it is not to be wondered at. It is a great pity that the public so underestimate the danger of sore throats, and consequently call in the doctor too late. I have again to call attention to the devotion of the Matron, and Mrs. Guy, and the nursing staff generally and to the sympathetic insight of the Chairman.

Yours truly,

STEPHEN LANGTON M.B.,

Acting Supt. of Poole Isolation
Hospital.

Borough Surveyor's Department

Collection and disposal of waste paper. Not so much is being collected, as there are several other agencies at work, but the smaller lots are still being collected which otherwise would be wasted.

Housing Question.

During the year the matter has been before the local authorities and a joint Committee of the Corporation and the Poole Housing Association had since been appointed, with the object of considering the possibility of providing the required accommodation through the agency of the Poole Housing Association in Co-operation with the Council instead of the lines suggested by the circular letter of the L.G.B. At least 300 or 400 more workmens' dwellings are needed as numerous new industries have been started in the neighbourhood, whether they are likely to continue after the war is one of the questions that is now under the consideration of the joint Committee.

Another is whether the convenience of being near to work will override the disadvantages of overcrowding the lower part of the Town, and the advantages of cheaper land, more space for gardens and air in the suburbs. Trams are already available and inexpensive and will probably be cheaper still when electricity will be supplied from national centres, the scheme for which is already published.

Within the last 36 years, 74 houses have been demolished and about 40 closed, several rebuilding schemes have been made out but only 15 working class dwellings have been built by the authorities.

Number of dwelling houses, other buildings etc., erected during the last year ending 31st December, 1917.

| | | | |
|------------------|----|----|----|
| Dwelling houses, | .. | .. | 2 |
| Other buildings | .. | .. | 37 |
| Additions | .. | .. | 19 |

Several condemned houses were demolished.

Diseases of Animals Acts.

During the year, 14 cases of suspected swine fever have been reported. The Borough was declared to be an infected area on April 28th 1917, and this order was withdrawn on July 12th 1917. Important alterations have been made this year regarding the facilities for removal of swine. On June 17th 1917, a regulation of movement order was issued which greatly assisted pig keepers to move without licences, over a much extended area. At present licences are only granted from the various markets.

On April 19th 1917, the restriction on the slaughter of calves was removed.

An outbreak of Parasitic Mange in horses occurred during April and May. The requirements of the Parasitic Mange Order of 1911 were strictly carried out. Five premises in the Borough being thoroughly cleansed and strict observation kept on all horses, no fresh cases have occurred.

Eleven persons were summoned during the year and ten convictions obtained and fifteen persons were reported and cautioned.

Poole Port Sanitary Authority.

During the year 84 ships were inspected as follows :—

| | | | |
|--|--|--|----|
| <i>British.</i> —Condition, very good .. | | | 4 |
| good .. | | | 70 |
| fair .. | | | 5 |
| dirty .. | | | 4 |
| Total inspected | | | 83 |

| | |
|-------------------------------------|---|
| <i>Foreign.</i> —Condition, good .. | 1 |
|-------------------------------------|---|

No cases of infectious disease were found or reported.

Dirty forecastles were found in 4 British ships and notice was given to cleanse. One blocked W.C. and two dirty W.C's were found on 3 British ships and notice was also given in these cases to cleanse. Poor light was discovered in a forecastle of one British ship and notice was served on the owners. A dirty W.C. was found on the foreign ship inspected and notice was given to cleanse. In all the above mentioned cases the works were carried out without further action being deemed necessary.

The cargoes carried by the 84 ships were as follows :—

Ballast 32, general 24, potatoes 7, granite 5, cement 3, coal 2, flour 2, stone 2, oil 2, timber 1, sand 1, manure 1, candles 1, pit props, 1

During the year 72 inspections were made to marine stores and warehouses adjoining or near the Quay for the purpose of ascertaining the existence of rats and the source and distribution of rags.

In several instances verbal notices were given the occupiers to clear their premises of rats and the necessary works were carried out.

In January H.M. Inspector made an inspection of the Port and the work done by your officers, and made the following recommendations viz :—

That while continued attention should be paid to destruction of rats on ships and on shore, it is extremely desirable that special attention for this purpose should be devoted to the marine stores in Poole ; and the Inspector of Nuisances should make periodical inspections of the premises. It is also desirable that he should make due enquiry as to the source and distribution of the rags dealt with in their marine stores, in view of the known dangers associated with rags and rats in relation to the spread of plague.

Report to the Education Committee.

In June I furnished details of the Schools with deficient cloak room accommodation, in September I gave you the requirements of the Education Inspector. In November I drew attention to an enlargement needed of the boys urinal in the Branksome Heath

School. I understand the Committee approved and gave instructions to the Borough Surveyor, who up to the present has been unable to supply the labour and material necessary.

A more urgent matter is the insanitary condition of St. Mary's (R. C.) School, the details I also gave in the November report. Sore throats and other ailments are there endemic and out of all proportion to the neighbouring schools.

Eye Department.

During the Summer of 1917 the School oculist Mr. Francis Buckland was ill and in October Mr. Alexander Stables was appointed Ophthalmic surgeon, and rapidly cleared off the accumulated cases, the total for the year being 101.

The committee supplied 31 pairs of spectacles gratis and paid half the cost for 5 pairs. When the School Medical Officer gives the orders for these, he advises the patient to come up again to see whether properly fitted, especial attention being given to astigmatism cases.

Dental Department.

During the year the Dental work has been reorganised, it being in a state of chaos. Routine inspection has been resumed, so that all the children up to the specified age will be annually examined. The defective cases will be notified and a reply post card enclosed by which they can apply for free treatment by the School Dentists. Thus we can send up in rotation the cases that have applied, which duly turn up, thus saving the time of the dentists and the clerk. Previously about 10 % of the cases notified presented themselves for treatment.

I was unable to get a report of conservative treatment from the dentists this year, but the number of extractions was 400 ; 53 of which had gas and most of the remainder local anæsthetics. 185 of these cases were sent up with urgency orders from the School Clinic, which shows this innovation is appreciated.

Tuberculous cases are sent to County Tuberculosis Dispensary and if not confirmed and treated there, are kept under observation and come up to School Clinic every month to be weighed and examined.

A great deal of the verminous condition is due to the inability of many mothers giving the necessary the attention as so many go out to work in munition factories, etc.

Army scabies was introduced into the Borough which explains the increase of cases : the old treatment by sulphur ointment was found expensive, and wasted a considerable amount of edible fat, an economical substitute was found to be efficient.

LIST OF TABLES.

1. Vital Statistics 1884—1917.
2. Classification of Deaths in 1917 (Local Government Board Table III).
3. Infant Mortality during 1917 (Local Government Board Table IV).
4. Infectious Diseases, Local Distribution (Local Government Board Table II).
5. Attack Rates of certain Infectious Diseases, 1894—1917.
6. Death Rates from Cancer and Tuberculosis.
7. Work done under Food and Drug Acts.
8. Average Composition of Milk Samples 1910—17.
9. Showing amount of Unsound Food Destroyed.
10. School Clinics.

1916
21
97

TABLE. I

Vital Statistics 1884—1917.

| Year. | Mid-year population. | Birth Rate per 1000 pop. | Marriage Rate per 1000 pop. | Death Rate per 1000 pop. | Infant Mortality per 1000 births. | Zymotic Disease Dt'h Rate per 1000 pop. |
|-------|----------------------|--------------------------|-----------------------------|--------------------------|-----------------------------------|---|
| 1884 | 12,796 | 32.7 | .. | 19.4 | 130 | 1.9 |
| 1885 | 12,957 | 39.5 | .. | 18.7 | 86 | 0.8 |
| 1886 | 13,237 | 30.9 | .. | 18.1 | 112 | 1.6 |
| 1887 | 13,529 | 32.6 | .. | 15.8 | 109 | 1.5 |
| 1888 | 13,680 | 28.0 | .. | 17.5 | 86 | 1.4 |
| 1889 | 13,853 | 27.5 | .. | 10.1 | 94 | 2.0 |
| 1890 | 14,027 | 26.9 | .. | 14.6 | 82 | 0.9 |
| 1891 | 15,500 | 27.8 | .. | 14.1 | 78 | 0.6 |
| 1892 | 15,887 | 29.3 | .. | 20.7 | 171 | 2.5 |
| 1893 | 16,275 | 28.2 | .. | 17.8 | 165 | 2.1 |
| 1894 | 16,662 | 32.2 | .. | 13.7 | 91 | 1.0 |
| 1895 | 17,050 | 29.5 | .. | 15.1 | 126 | 0.4 |
| 1896 | 17,438 | 31.5 | .. | 14.9 | 116 | 0.9 |
| 1897 | 17,826 | 28.6 | .. | 15.5 | 123 | 1.6 |
| 1898 | 18,214 | 28.5 | .. | 15.3 | 145 | 0.4 |
| 1899 | 18,602 | 27.3 | .. | 17.4 | 123 | 0.2 |
| 1900 | 18,991 | 27.7 | .. | 15.3 | 131 | 0.6 |
| 1901 | 19,538 | 27.4 | .. | 13.9 | 93 | 1.1 |
| 1902 | 20,095 | 26.7 | .. | 16.4 | 110 | 1.1 |
| 1903 | 20,500 | 27.0 | .. | 16.1 | 135 | 0.8 |
| 1904 | 21,142 | 27.1 | .. | 17.0 | 109 | 1.4 |
| 1905 | 21,804 | 26.7 | .. | 15.7 | 113 | 0.9 |
| *1906 | 32,086 | 30.0 | 15.9 | 15.1 | 118 | 1.5 |
| 1907 | 32,518 | 27.5 | 16.8 | 13.1 | 76 | 0.8 |
| 1908 | 33,217 | 26.6 | 16.8 | 13.8 | 87 | 1.2 |
| 1909 | 33,524 | 27.8 | 15.0 | 13.9 | 89 | 0.8 |
| 1910 | 34,168 | 26.0 | 15.4 | 12.7 | 82 | 0.9 |
| 1911 | 39,102 | 24.0 | 14.1 | 14.0 | 126 | 2.4 |
| 1912 | 40,386 | 22.7 | 14.6 | 10.9 | 88 | 1.0 |
| 1913 | 41,066 | 22.1 | 14.2 | 11.0 | 82 | 0.9 |
| 1914 | 41,880 | 21.0 | 13.6 | 11.3 | 77 | 1.2 |
| 1915 | 42,800 | 18.7 | 18.6 | 13.2 | 93 | .6 |
| †1916 | 42,331 | 19.8 | 15.6 | 13.7 | 76 | .7 |
| †1917 | 42,335 | 16.2 | 14.5 | 13.0 | 91 | .7 |

*Borough enlarged.

† This is the Registrar General's estimate for Birth-rate, based on the ratio between total and civilian population of England and Wales.

TABLE 2.

(Local Government Board Table III.)

Deaths Registered during the Calendar Year 1917.

| CAUSES OF DEATH. (Civilians only.) | | | Males. | Females. |
|--|---|----|--------|----------|
| All Causes | | | 272 | 258 |
| 1 | Enteric Fever | .. | 2 | 1 |
| 2 | Small-pox | .. | .. | .. |
| 3 | Measles | .. | 2 | 1 |
| 4 | Scarlet fever | .. | 1 | .. |
| 5 | Whooping cough | .. | 3 | 4 |
| 6 | Diphtheria and croup | .. | 4 | 3 |
| 7 | Influenza | .. | 2 | 6 |
| 8 | Erysipelas | .. | 1 | .. |
| 9 | Pulmonary tuberculosis | .. | 26 | 24 |
| 10 | Tuberculous meningitis | .. | 5 | 2 |
| 11 | Other tuberculous diseases | .. | 4 | 5 |
| 12 | Cancer, malignant disease | .. | 21 | 26 |
| 13 | Rheumatic fever | .. | .. | 5 |
| 14 | Meningitis | .. | 1 | 2 |
| 15 | Organic heart disease | .. | 29 | 31 |
| 16 | Bronchitis | .. | 20 | 21 |
| 17 | Pneumonia (all forms) | .. | 20 | 11 |
| 18 | Other respiratory diseases | .. | 7 | 4 |
| 19 | Diarrhoea, &c. (under 2 years). | .. | 5 | 2 |
| 20 | Appendicitis & typhlitis | .. | 2 | 1 |
| 21 | Cirrhosis of liver | .. | 2 | 1 |
| 20A | Alcoholism | .. | .. | 1 |
| 22 | Nephritis and Bright's disease. | .. | 6 | 11 |
| 23 | Puerperal fever | .. | .. | 1 |
| 24 | Parturition, apart from puerperal fever | .. | .. | 1 |
| 25 | Congenital debility, &c | .. | 16 | 8 |
| 26 | Violence, apart from suicide. | .. | 8 | 3 |
| 27 | Suicide | .. | 4 | 1 |
| 28 | Other defined diseases | .. | 80 | 82 |
| 29 | Causes ill-defined or unknown. | .. | 1 | .. |
| Special Causes (included above)— Cerebro-spinal fever | | | 1 | 1 |
| Deaths of infants under 1 year of age | | | 37 | 21 |

17
TABLE 3.

(Local Government Board Table IV).

Infant Mortality during the year 1917.

| Causes of Death. | Deaths from stated causes at various ages under 1 year of age. | | | | | | | | | Total Deaths under one year |
|-----------------------------------|--|-----------|-----------|-----------|---------------------|------------|------------|------------|-------------|-----------------------------|
| | Under 1 week | 1—2 weeks | 2—3 weeks | 3—4 weeks | Total under 4 weeks | 1—3 months | 3—6 months | 6—9 months | 9—12 months | |
| Measles .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Whooping Cough .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 2 |
| Meningitis (not Tubercular) .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Convulsions .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 |
| Bronchitis .. | .. | .. | .. | .. | .. | 3 | .. | 2 | 2 | 7 |
| Pneumonia (all forms) .. | .. | .. | 1 | .. | 1 | 1 | 2 | 2 | 1 | 7 |
| Diarrhoea .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 | 2 |
| Gastritis .. | .. | .. | .. | .. | .. | 2 | .. | .. | 1 | 3 |
| Suffocation (accidental) .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Congenital Malformations .. | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. | 2 |
| Premature Birth .. | 15 | .. | .. | 1 | 16 | .. | .. | .. | .. | 16 |
| Atrophy, Debility and Marasmus .. | .. | .. | .. | 1 | 1 | 5 | 1 | 1 | .. | 8 |
| Other Causes .. | .. | 1 | 1 | .. | 2 | 4 | 2 | 1 | .. | 9 |
| Totals .. | 15 | 1 | 3 | 2 | 21 | 18 | 6 | 7 | 6 | 58 |

Deaths in the year—legitimate infants 44, illegitimate 14.

TABLE 4.

(Local Government Board Table II).
Cases of Infectious Disease notified during 1917.

| Notifiable Disease. | Total Cases notified in each locality. | | | | | Total Cases removed to Hospital. |
|---|--|-----------|-----------|-----------|-----------|----------------------------------|
| | Hamworthy | St. James | Longfleet | Parkstone | Branksome | |
| Diphtheria (including Membranous Croup) | .. | 23 | 8 | 11 | 3 | 39 |
| Erysipelas | .. | 8 | 2 | 8 | 2 | 1 |
| Scarlet Fever | .. | 16 | 6 | 12 | 9 | 41 |
| Enteric Fever | .. | .. | 1 | 7 | .. | 4 |
| Puerperal Fever | .. | .. | .. | .. | .. | 4 |
| Cerebro-spinal Meningitis | .. | .. | 2 | 1 | .. | 3 |
| Ophthalmia Neonatorum | .. | 3 | .. | 1 | .. | .. |
| Pulmonary Tuberculosis | 1 | 16 | 5 | 32 | 5 | .. |
| Other forms of Tuberculosis | 1 | 2 | 1 | 7 | .. | .. |
| Measles and Rubella | 2 | 21 | 31 | 102 | 17 | 2 |
| Totals | 4 | 89 | 56 | 181 | 36 | 90 |

No other case of infectious disease notified.

TABLE 5.

Attack Rates per 10,000 population from Scarlet Fever,
Diphtheria, and Enteric Fever.

| Year | Scarlet Fever. | Diphtheria. | Enteric Fever. |
|------|----------------|-------------|----------------|
| 1894 | 19.9 | 23.9 | 6.8 |
| 1895 | 14.6 | 10.5 | 2.9 |
| 1896 | 12.5 | 5.7 | 3.4 |
| 1897 | 24.1 | 16.7 | 3.3 |
| 1898 | 4.9 | 15.9 | 1.1 |
| 1899 | 38.7 | 12.3 | 8.9 |
| 1900 | 19.0 | 5.8 | 10.0 |
| 1901 | 139.8 | 7.1 | 19.6 |
| 1902 | 24.5 | 8.4 | 5.6 |
| 1903 | 7.8 | 11.7 | 6.8 |
| 1904 | 106.2 | 16.2 | 10.1 |
| 1905 | 13.7 | 9.1 | 17.9 |
| 1906 | 12.4 | 10.2 | 8.4 |
| 1907 | 7.1 | 15.0 | 4.0 |
| 1908 | 12.6 | 13.8 | 1.8 |
| 1909 | 42.0 | 8.9 | 3.9 |
| 1910 | 29.5 | 20.7 | 1.4 |
| 1911 | 96.6 | 12.5 | 1.4 |
| 1912 | 47.3 | 17.0 | 3.4 |
| 1913 | 18.2 | 12.1 | 3.1 |
| 1914 | 12.1 | 15.7 | 1.1 |
| 1915 | 17.9 | 7.7 | 1.4 |
| 1916 | 11.8 | 10.6 | 1.8 |
| 1917 | 9.9 | 10.6 | 1.8 |

TABLE 6.

**Death Rate per 10,000 population from Cancer
and Tuberculosis.**

| Year. | Cancer. | Pulmonary Tuberculosis. |
|-------|---------|----------------------------|
| 1900 | 13.1 | 8.9 |
| 1901 | 10.7 | 11.5 |
| 1902 | 8.5 | 11.0 |
| 1903 | 6.8 | 11.2 |
| 1904 | 13.3 | 13.8 |
| 1905 | 8.2 | 13.5 |
| 1906 | 11.3 | 12.7 |
| 1907 | 7.7 | 10.1 |
| 1908 | 8.2 | 12.3 |
| 1909 | 9.5 | 10.8 |
| 1910 | 10.8 | 11.1 |
| 1911 | 11.0 | 10.0 |
| 1912 | 9.7 | 7.2 |
| 1913 | 11.2 | 7.3 |
| 1914 | 10.3 | 9.0 |
| 1915 | 8.8 | 8.4 |
| 1916 | 12.5 | 10.7 |
| 1917 | 12.3 | 13.1 |

TABLE 7.
Work done under the Food and Drugs Acts.

| Nature of Sample. | | | Formal | Informal | Total | Genuine | Adulterated | Vendor Cautioned | Vendor Prosecuted |
|---------------------|----|----|--------|----------|-------|---------|-------------|---------------------|----------------------|
| Milk | .. | .. | 79 | .. | 79 | 71 | 8 | 3 | 5 |
| Milk | .. | .. | .. | 116 | 116 | 106 | 10 | 10 | .. |
| Margarine | .. | .. | 3 | 6 | 9 | 9 | .. | .. | .. |
| Butter | .. | .. | 3 | 9 | 12 | 12 | .. | .. | .. |
| Coffee | .. | .. | .. | 1 | 1 | 1 | .. | .. | .. |
| Coffee and Chicory | .. | .. | 2 | 1 | 3 | 2 | 1 | 1 | .. |
| Bun and Cake Powder | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. |
| Custard Powder | .. | .. | 3 | .. | 3 | 3 | .. | .. | .. |
| Egg Powder | .. | .. | 3 | .. | 3 | 3 | .. | .. | .. |
| Baking Powder | .. | .. | 2 | .. | 2 | 2 | .. | .. | .. |
| Sugarlene | .. | .. | 1 | .. | 1 | 1 | .. | .. | .. |
| Lard | .. | .. | 2 | 2 | 4 | 4 | .. | .. | .. |
| China Tea | .. | .. | 2 | .. | 2 | 1 | 1 | .. | 1 |
| Total | .. | .. | 101 | 135 | 236 | 216 | 20 | 14 | 6 |

TABLE 8.

Average Composition of Milk Samples 1914—17.

| | 1914 | 1915 | 1916 | 1917 |
|----------------|------|------|------|------|
| Fat | 3.47 | 3.46 | 3.65 | 3.35 |
| Solids not Fat | 8.80 | 8.73 | 8.76 | 8.72 |

TABLE 9.

Showing amount of Unsound Food Destroyed.

| | 1914 | 1915 | 1916 | 1917 |
|------------|-----------|-----------|-----------|-----------|
| Beef .. | 1638 lbs. | 4946 lbs. | 3264 lbs. | 1335 lbs. |
| Pork .. | 3033 „ | 5775 „ | 6353 „ | 2319 „ |
| Mutton .. | 315 „ | 31 „ | 125 „ | 17 „ |
| Fish .. | 5925 „ | 1143 „ | 106 „ | 5896 „ |
| Fruit .. | — | 21 „ | 135 „ | 283 „ |
| Poultry .. | — | 145 „ | — | — |

School Clinic.

| Disease | No. of Defects Treated | | | Results. | | | | |
|--|------------------------|-------|-------|----------|-----------------------|-----------|------|-----------------------|
| | From Previous year | New | Total | Remedied | Improved | Unchanged | Left | Carried over |
| External Eye Diseases | | | | | | | | |
| Blepharitis .. | 4 | 58 | 63 | 62 | 1 | .. | .. | 1 |
| Conjunctivitis .. | 3 | 12 | 15 | 14 | 1 | .. | .. | 1 |
| Corneal Opacities .. | .. | .. | 10 | 9 | 1 | .. | .. | 1 |
| Other Diseases .. | .. | 1 | 1 | 1 | .. | .. | .. | .. |
| External Ear Diseases | .. | .. | 22 | 13 | 4 | 5 | .. | .. |
| Other Diseases .. | .. | .. | 6 | 3 | 3 | .. | .. | .. |
| Teeth decayed .. | .. | 160 | 160 | .. | .. | .. | .. | .. |
| Tuberculosis suspected .. | .. | 7 | 14 | .. | 13 | 1 | .. | 14 |
| Impetigo .. | 7 | 237 | 259 | 248 | .. | .. | .. | 11 |
| Scabies .. | 22 | 55 | 60 | 42 | .. | .. | 2 | 16 |
| Ringworm Scalp .. | 5 | 23 | 47 | 31 | .. | .. | 2 | 14 |
| Skin .. | 24 | 46 | 47 | 45 | .. | .. | .. | 2 |
| Vermineous Condition .. | 1 | .. | 13 | 10 | 3 | .. | .. | .. |
| Minor Injuries .. | .. | 280 | 281 | 112 | .. | .. | .. | 2 |
| Other Conditions .. | 1 | 1315 | 1319 | 1282 | Sent to own Doctor 37 | .. | .. | .. |
| No. of Children receiving Treatment at Centres | .. | .. | 2390 | .. | .. | .. | .. | 62 |
| No. of Consultations | .. | 3594 | 3594 | .. | .. | .. | .. | .. |
| No. of Dressings done | .. | .. | 2050 | .. | .. | .. | .. | .. |
| Swabs taken in School Clinic | .. | 85 | 85 | .. | .. | .. | .. | .. |
| " in the District | .. | 294 | 294 | .. | .. | .. | .. | .. |
| Ringworm Specimens | .. | 29 | 29 | .. | .. | .. | .. | .. |
| Visits paid to Schools | .. | 227 | 227 | .. | .. | .. | .. | .. |
| No. of Children Inspected | .. | 21290 | 21290 | .. | .. | .. | .. | .. |
| For Eyesight .. | 10 | 1040 | 1051 | .. | .. | .. | .. | .. |
| Defectives Found | no record | 141 | 141 | 94 | .. | .. | 1 | 46 (not seen oculist) |
| Visits paid to Homes of Children | .. | 290 | 290 | .. | .. | .. | .. | .. |
| Vermine notices sent .. | .. | 326 | 326 | 96 | 215 | 5 | 10 | .. |
| Urgency Dental Orders— | .. | .. | .. | .. | .. | .. | .. | .. |
| From Poole | .. | .. | 77 | .. | .. | .. | .. | .. |
| From Branksome | .. | .. | 108 | .. | .. | .. | .. | .. |

